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Refining & Supply Company

Global Remediation

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**EXONMobil**Refining & Supply

September 7, 2005

Mr. John Awujo Los Angeles County Department of Public Works Environmental Programs 900 South Fremont Avenue Alhambra, California 91802

Subject:

SITE CLOSURE SUMMARY REPORT FOR

**EXXONMOBIL OIL CORPORATION FORMER SERVICE STATION #18-EBK** 

1727 ARTESIA BOULEVARD, MANHATTAN BEACH, CALIFORNIA

## Dear Mr. Awujo:

Please find enclosed a copy of the site closure summary report dated September 7, 2005, for the above-referenced site. This report has been prepared by Holguin, Fahan & Associates, Inc. (HFA) under the direction of ExxonMobil Oil Corporation to summarize low-risk site conditions and to request a no further action determination.

If you have any questions or require additional information, please contact Mr. James Anderson of HFA at (805) 641-4089 or the undersigned at (310) 212-1870.

Sincerely,

Gene Ortega Project Manager

ExxonMobil Oil Corporation



September 7, 2005

Mr. John Awujo Los Angeles County Department of Public Works Environmental Programs 900 South Fremont Avenue Alhambra, California 91802

Subject: SITE CLOSURE SUMMARY REPORT FOR

EXXONMOBIL OIL CORPORATION FORMER SERVICE STATION #18-EBK 1727 ARTESIA BOULEVARD, MANHATTAN BEACH, CALIFORNIA

Dear Mr. Awujo:

On behalf of ExxonMobil Oil Corporation (ExxonMobil), Holguin, Fahan & Associates, Inc. (HFA) transmits a copy of HFA's site closure summary report for the above-referenced site.

Holguin, Fahan & Associates, Inc. trusts that this report meets your requirements. If you have any questions or require additional information, please contact me at (805) 641-4089 or James Anderson@hfa.com.

Respectfully submitted,

James Anderson, REA

Jans Onlen

Associate Engineer Holguin, Fahan & Associates, Inc.

ec:jda:mrf:krj:mgh:jpk:nd

cc: Mr. Gene Ortega, ExxonMobil Oil Corporation

Mr. Stuart Sackley



#### SITE CLOSURE SUMMARY REPORT

EXXONMOBIL OIL CORPORATION FORMER SERVICE STATION #18-EBK 1727 ARTESIA BOULEVARD MANHATTAN BEACH, CALIFORNIA

SEPTEMBER 7, 2005

Client: ExxonMobil Oil Corporation

3700 West 190th Street, TPT2 Torrance, California 90504

Contact: Mr. Gene Ortega

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ENVIRONMENTAL SCIENTISTS GEOLOGISTS ENGINEERS

Contaminated Site Assessment • Site Remediation • Mobile Remediation • CPT Service • Groundwater Monitoring

MARK R. FAHAN

NUMBER 4279

Exp. 7/06



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#### LIST OF ACRONYMS

AB2886 California State Assembly 2886

BTEX benzene, toluene, ethylbenzene, and total xylenes

CDWR California Department of Water Resources

CRWQCB-LAR California Regional Water Quality Control Board, Los Angeles Region (4)

DIPE diisopropyl ether

EPA Environmental Protection Agency

ETBE ethyl tertiary butyl ether fbg feet below grade

ID identification

J value between the method detection limit and the reporting limit

LACDPW Los Angeles County Department of Public Works

LUFT leaking underground fuel tank MCL maximum contaminant level

mg/kg milligrams per kilogram

MSL mean sea level

MTBE methyl tertiary butyl ether

N/A not applicable

PSH phase-separated hydrocarbons

REF report reference

TAME tertiary amyl methyl ether
TBA tertiary butyl alcohol
TD total boring depth

TPH total petroleum hydrocarbons
USGS United States Geological Survey
UST underground storage tank
VES vapor extraction system

µg/l micrograms per liter



#### INTRODUCTION

Holguin, Fahan & Associates, Inc. (HFA), on behalf of ExxonMobil Oil Corporation (ExxonMobil), is pleased to present this site closure summary report for ExxonMobil Former Service Station #18-EBK, located at 1727 Artesia Boulevard, in Manhattan Beach, California (see Figure 1 - Site Location Map). The purpose of this report is to summarize the results of site assessment, remediation activities, and site conditions to substantiate low-risk closure. A list of acronyms used in this report is included.

The ExxonMobil remediation contact is Mr. Gene Ortega, ExxonMobil Oil Corporation, 3700 West 190th Street, TPT2, Torrance, California, 90504, (310) 212-1870. The consultant contact is Mr. James Anderson, Holguin, Fahan & Associates, Inc., 50 West Main Street, Ventura, California, 93001, (805) 641-4089. The lead agency contact is Mr. John Awujo, Los Angeles County Department of Public Works, Environmental Programs, 900 South Fremont Avenue, Alhambra, California, 91802, (626) 458-3517.



#### SITE DESCRIPTION

ExxonMobil Former Service Station #18-EBK is located on the northwestern corner of the intersection of Aviation Boulevard and Artesia Boulevard, in the city of Manhattan Beach, California (see Figure 1). The surrounding areas consist of residential and commercial properties, and a Shell brand service station is located across the intersection to the southeast (see Figure 2 - Site Vicinity Map). No schools or hospitals were identified within 1,000 feet of the site. The site is a former Mobil brand service station, which was decommissioned in March 2003 with the removal of the underground fueling facilities. Current site facilities include three abandoned dispenser islands and a service station building (see Figure 3 - Plot Plan). The planned future use of the site is not known.



#### SITE GEOLOGY AND HYDROGEOLOGY

The site lies at an elevation of 110 feet above MSL, and the local topography slopes toward the southwest (USGS, 1966). The site is located on the El Segundo Sand Hills (Older Dune Sand) (CDWR, 1961). Surface waters in the site vicinity drain to the Pacific Ocean (CRWQCB-LAR, 1994). The nearest body of surface water is the Pacific Ocean, located 1.5 miles to the west (USGS, 1966).

Soil in the site vicinity consists of Upper Pleistocene deposits of the Lakewood Formation. The Lakewood Formation consists, in descending order, of Older Dune Sand to approximately 100 fbg, the Bellflower Aquiclude, which is composed of sandy and gravelly clay in the site vicinity, and the Gage and Silverado Aquifers, which are estimated at 150 and 200 fbg, respectively (CDWR, 1961). Assessment activities indicate that the Pleistocene deposits beneath the site consist of sandy gravel and sand from the surface to 75 fbg, and silty sand from 75 to 90 fbg, the maximum depth investigated (see Figure 4 - Geologic Cross-Section A–A') (HFA, 2002; HFA, 2005). The encountered soils are interpreted to be within the Older Dune Sand (CDWR, 1961).

The site lies within the West Coast Groundwater Basin of the Los Angeles-San Gabriel Hydrologic Unit (CRWQCB-LAR, 1994). During the most recent assessment, groundwater was encountered at 85 fbg (HFA, 2005). Based upon groundwater monitoring conducted in the 1990s, the depth to first groundwater has fluctuated from 85 to 90 fbg, and the groundwater flow direction has been to the northwest (Kleinfelder, 1998). First groundwater is interpreted to be within a perched zone, which is separated from the deeper Gage and producing aquifers by the Bellflower Aquiclude (CDWR, 1961).

Groundwater within the West Coast Groundwater Basin is used for municipal, industrial, and agricultural purposes (CRWQCB-LAR, 1994). Two groundwater production wells were identified within 1 mile of the site. LACDPW Well #721K (CDWR Well #03S/14W-30H02) is an inactive municipal supply well owned by the City of Manhattan Beach, located 3,300 feet northeast of the site. LACDPW Well #732C (CDWR Well #3S/14W-32A02) is an active municipal supply well owned by the California Water Service Company, located 4,500 feet east of the site (see Figure 1 for the well locations) (LACDPW, 2005). The screen intervals for LACDPW well #721K and well #732C are 232 to 257 fbg, and 170 to 330 fbg, respectively (Pham, 2005).



#### SUMMARY OF PREVIOUS WORK

#### SITE ASSESSMENT HISTORY

In 1988, the first generation of USTs were removed from the northwestern portion of the site and replaced with the second generation of USTs in the northeastern portion of the site. Results of compliance sampling indicated that the maximum adsorbed-phase hydrocarbon concentrations were measured in the vicinity of the former first generation southern dispenser islands (see Figure 3) (Alton Geoscience [Alton], 1996).

Groundwater monitoring was performed from 1987 to 1998. PSH was measured in the monitoring wells on the western portion of the site from 1987 to 1997. Results of the groundwater monitoring indicated that dissolved-phase benzene was localized to the western portion of the site, and concentrations showed a declining trend by more than an order of magnitude after the completion of remedial activities in 1996. During the final monitoring events, MTBE was added to the monitoring program and was only detected in one well, and was at a concentration of  $13 \mu g/I$ , equivalent to the primary drinking water MCL (Kleinfelder, 1998).

The CRWQCB-LAR granted the site closure in its letter dated September 4, 1998, and all wells were abandoned.

In March 2002, a baseline environmental assessment of the site was conducted in preparation for property divestment. Five soil borings were drilled around the fueling facilities to a maximum of 50 fbg. Laboratory analytical results for the soil samples indicated only two detections of TPH as gasoline (maximum of 2.4 mg/kg at 30 fbg) and one detection of MTBE (0.16 mg/kg at 20 fbg). Benzene was not detected for any of the soil samples (see Figure 5 - Adsorbed-Phase Hydrocarbon Concentrations for Soil Borings, and Table 1 - Summary of Soil Sample Analytical Results) (HFA, 2002).

In March 2003, the service station was abandoned. Laboratory analytical results for the compliance soil samples collected from beneath the former USTs indicated TPH as gasoline, benzene and MTBE concentrations up to 1.9, 0.063, and 1.6 mg/kg, respectively. Laboratory analytical results for the compliance soil samples collected from beneath the former dispensers and product piping indicated TPH as gasoline, benzene, and MTBE concentrations up to 38, 0.17, and 3.9 mg/kg, respectively (see Figure 6 - Adsorbed-Phase Hydrocarbon Concentrations for Compliance Soil Samples). A secondary excavation was conducted to 10 fbg beneath the section of product piping that indicated the highest concentrations (sample PL-3-2), and 22.5 tons of hydrocarbon-containing soil was transported off-site for recycling. Results of the bottom verification soil sample collected at 10 fbg (EX-B-1-10) indicated TPH as



gasoline and MTBE concentrations of 4.6 and 31 mg/kg, respectively, and no detection of benzene (see Figure 6, and Table 2 - Summary of Soil Sample Analytical Results for Station Abandonment) (HFA, 2003).

In May 2005, three soil borings (B-6 through B-8) were drilled to delineate the vertical extent of residual adsorbed-phase hydrocarbons detected beneath the former fueling facilities. Soil boring B-6 was drilled through the secondary excavation (EX-B-1-10), and soil borings B-7 and B-8 were drilled through the former UST cavity (T2-N-19 and T3-S-19) (see Figure 6). Laboratory analytical results for the soil samples collected from soil borings B-6 and B-7 indicated no TPH as gasoline, benzene, or MTBE concentrations above laboratory reporting limits. Laboratory analytical results for the soil samples collected from soil boring B-8 indicated a maximum benzene concentration of 0.0247 mg/kg at 20 fbg, and no detections of TPH as gasoline or MTBE above laboratory reporting limits. Benzene concentrations attenuated at depths greater than 20 fbg and was not measured at the capillary fringe (85 fbg) (see Figure 5 and Table 1). Laboratory analytical results for a grab groundwater sample collected from the bottom of soil boring B-8 indicated no detections of TPH as gasoline, benzene, MTBE, or TBA (see Figure 5, and Table 3 - Summary of Groundwater Sample Analytical Results) (HFA, 2005).

#### SITE REMEDIATION HISTORY

PSH recovery was conducted from 1987 to 1988 for the wells on the western portion of the site, in which an estimated 2,076 gallons of PSH was recovered (Alton, 1996).

A groundwater pump-and-treat system was operated at the site from 1988 to 1996, which treated and discharged 1,283,026 gallons of groundwater, and a VES was operated from 1990 to 1996, which removed and oxidized an estimated 8,479 gallons of gasoline (Alton, 1996).

The remedial action conducted as part of the current investigation was an excavation beneath the southeasternmost product piping joint to 10 fbg, and off-site recycling of 22.5 tons of hydrocarbon-containing soil during the station abandonment conducted in 2003 (see Figure 6) (HFA, 2003).

#### DISTRIBUTION OF HYDROCARBONS IN SOIL

The vertical and lateral extents of adsorbed-phase hydrocarbons have been defined through the drilling and sampling of eight soil borings (B-1 through B-8) (see Figure 5). Adsorbed-phase MTBE is localized directly beneath the former fueling facilities, and was not measured for any soil sample collected below 20 fbg. TPH as gasoline has only been detected in two of the 43 soil samples collected from the soil borings, at a maximum concentration of 2.4 mg/kg. Adsorbed-phase BTEX hydrocarbons were only measured in the samples collected from one



Site Closure Summary Report ExxonMobil Former Service Station #18-EBK September 7, 2005 - Page 6

soil boring (B-8) and are localized beneath the former gasoline USTs, at concentrations less than the CRWQCB-LAR's maximum soil screening levels (CRWQCB-LAR, 2004).

### DISTRIBUTION OF HYDROCARBONS IN GROUNDWATER

During the most recent assessment, groundwater was encountered at 85 fbg. Laboratory analytical results for the groundwater sample collected from the bottom of soil boring B-8, located hydraulically downgradient of the former USTs at the northern edge of the property indicated no detections of hydrocarbons at concentrations above laboratory reporting limits, thereby establishing that groundwater does not contain dissolved-phase hydrocarbons in the vicinity of the former second generation of USTs, and that the residual adsorbed-phase hydrocarbons do not pose a significant risk for leaching into groundwater (see Figure 5 and Table 3) (HFA, 2005).



#### ASSESSMENT OF HYDROCARBON CONCENTRATIONS

The site is a former Mobil brand service station that was divested by ExxonMobil. The service station was decommissioned in March 2003 and all underground fueling facilities were removed. Residual hydrocarbons at concentrations in excess of regulatory action levels (CRWQCB-LAR's maximum soil screen levels) are restricted to the soil beneath the former UST cavity at depths less than 20 fbg and the former southeasternmost piping joint at depths less than 10 fbg. Adsorbed-phase hydrocarbons have been delineated laterally and vertically and are not present between 20 and 85 fbg and do not extend beyond the boundaries of the site. Groundwater was sampled and did not contain dissolved-phase hydrocarbons. Therefore, effects to groundwater or the users/occupants of the site are not anticipated.



#### WASTE MATERIAL DOCUMENTATION

All soil and water waste generated in association with the current assessment and remediation activities was transported off-site by Philip Services Corporation (PSC Industrial Outsourcing Group) to TPS Technologies and Crosby & Overton, respectively, for recycling (see Appendix 1 for the waste documentation).



#### LANDOWNER NOTIFICATION

Pursuant to Section 25297.15 of Chapter 6.7 of the California Health and Safety Code, ExxonMobil, as the responsible party for the LUFT case, has notified the fee titleholder of the subject property regarding the request for no further action. A copy of this site closure summary report has been sent to the property owner at the following address:

Stuart Sackley
Park Place Accomodators, Inc.
4108 The Strand
Manhattan Beach, California 90266



#### **GEOTRACKER UPLOAD VERIFICATION**

All required documents associated with site cleanup activities have been uploaded to GeoTracker In accordance with the requirements of AB2886 and Chapter 30, Division 3, of Title 23 of the California Code of Regulations (see Appendix 2 for the GeoTracker electronic submittal information printout).



#### SUMMARY OF LOW-RISK CLOSURE CONDITIONS

Applicable site conditions consistent with the CRWQCB-LAR's low-risk closure criteria are summarized below.

- The site is a former gasoline service station that was decommissioned with the removal of underground fueling facilities (the source), and the site is currently paved.
- Site assessment activities have adequately delineated the lateral and vertical extents of hydrocarbon-containing soil. Residual hydrocarbon-containing soil with concentrations in excess of regulatory action limits is restricted to within the site boundaries directly beneath the former fueling facilities, at depths less than 20 fbg. At least sixty-five feet of soil with no detections of hydrocarbons, or concentrations less than the CRWQCB-LAR's maximum soil screening levels is present above first groundwater.
- Limited excavation activities were conducted during the station abandonment to remove the shallow adsorbed-phase hydrocarbons and 22.5 tons of hydrocarbon-containing soil was transported off-site for recycling.
- Groundwater hydraulically downgradient of the second generation of former USTs was sampled during the most recent assessment and did not contain dissolved-phase hydrocarbons, indicating that the residual adsorbed-phase hydrocarbons do not pose a significant risk for leaching into groundwater.
- The closest public groundwater production wells are located 3,300 feet northeast and 4,500 feet east of the site, respectively. First groundwater is separated from the first production aquifer (Silverado) by more than 100 feet, and the Bellflower Aquiclude.

Based on the above-summarized site conditions, and consistent with the CRWQCB-LAR's low-risk closure criteria, HFA, on behalf of ExxonMobil, respectfully requests that the LACDPW issue a no further action determination, and grant closure of the LUFT case.



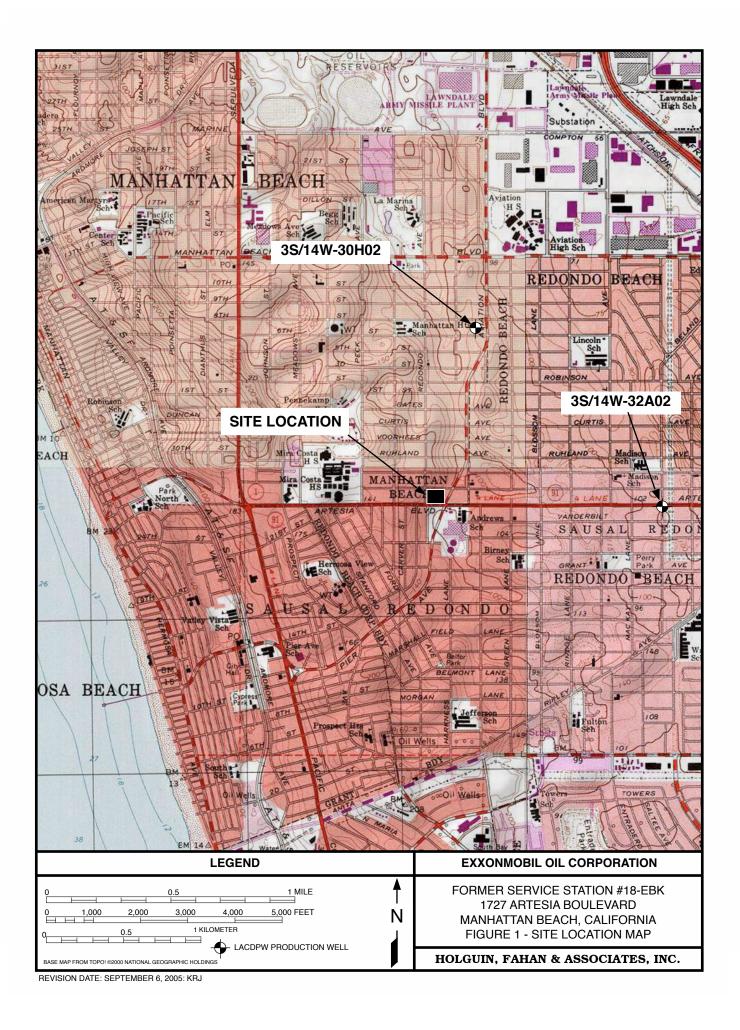
#### **REFERENCES**

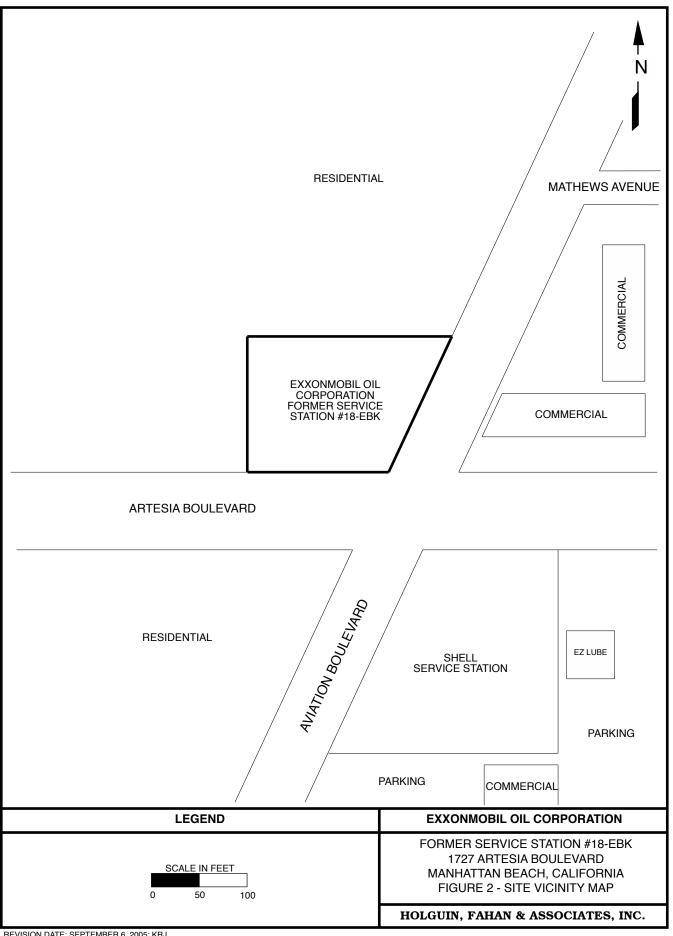
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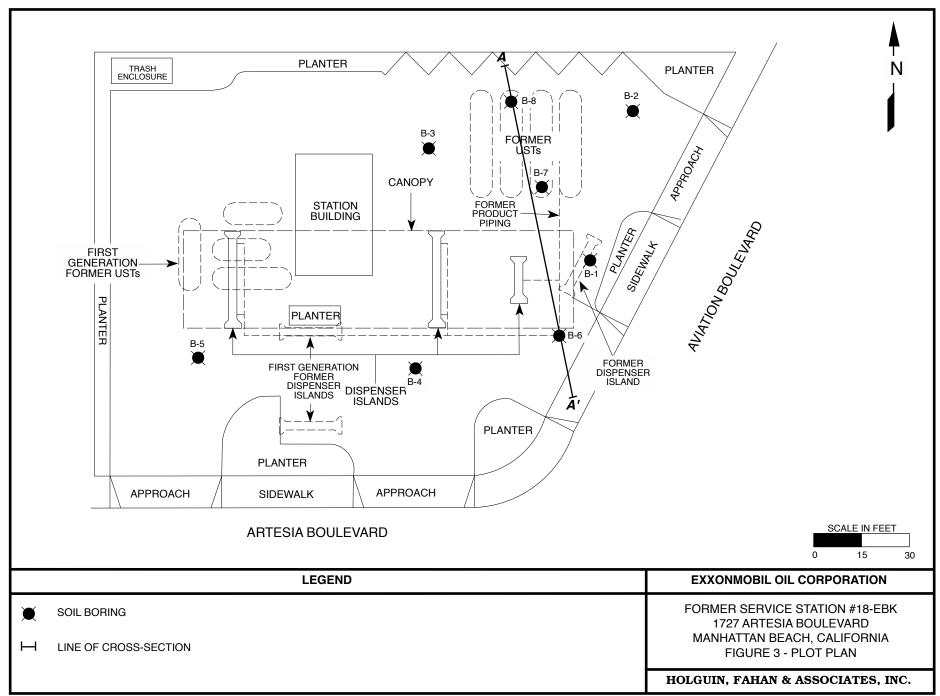
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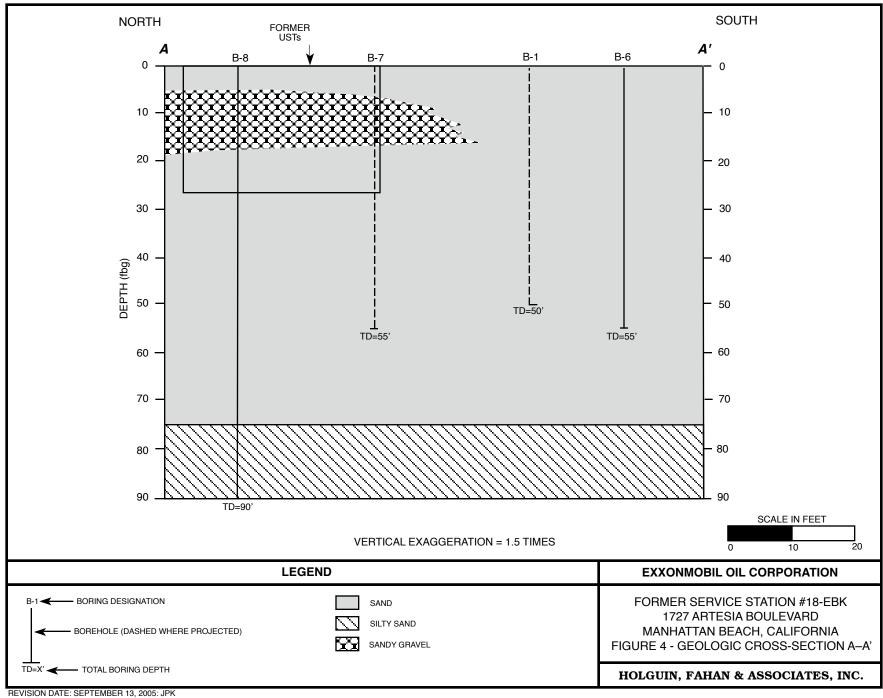


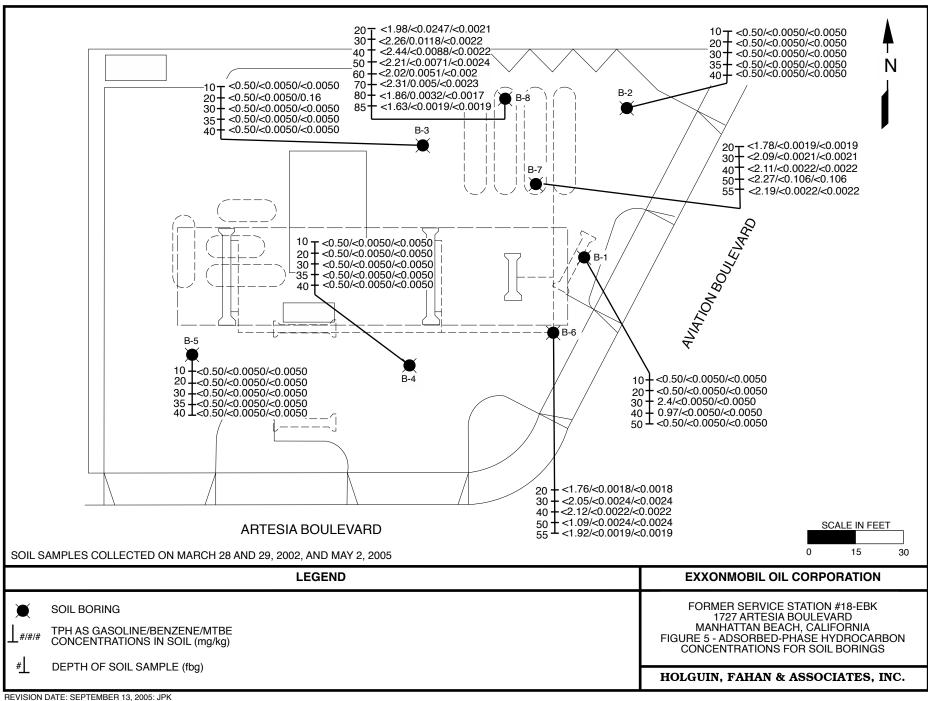
**FIGURES** 

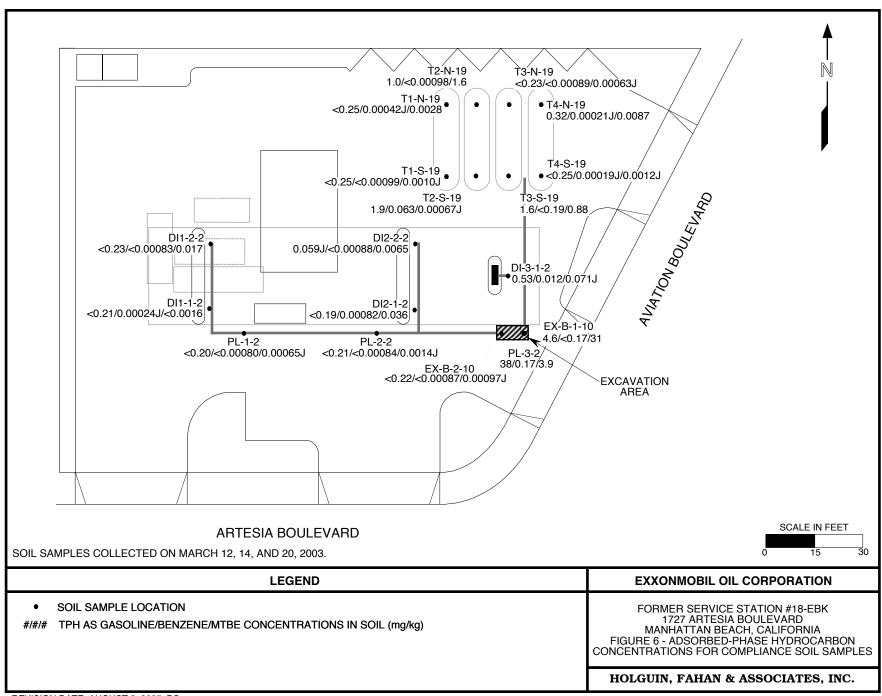














**TABLES** 

TABLE 1.
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
EXXONMOBIL OIL CORPORATION FORMER SERVICE STATION #18-EBK, MANHATTAN BEACH, CALIFORNIA

SAMPLE	DATE	DEDTU	SAMPLE	TPH AS	DENZENE	TOLLIENE	ETHYL-	TOTAL	MTDE	TDA	T 4 1 4 F	DIDE	ETDE	LEAD	555
SOURCE	SAMPLED	DEPTH	ID	GASOLINE		TOLUENE				TBA	TAME	DIPE	ETBE	LEAD	REF
	A N. A. I. V. T. I. O. A.	(fbg)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	21/2
	ANALYTICA	1		8015 (M)/CA LUFT					60B				l	6010B	N/A
B-1	3-28-02	10	B-1-10	<0.50	<0.0050	<0.0050	<0.0050	<0.0050		<0.05	<0.01	<0.01	<0.01		Α
	3-28-02	20	B-1-20	<0.50	<0.0050	<0.0050	<0.0050	<0.0050		<0.05	<0.01	<0.01	<0.01		Α
	3-28-02	30	B-1-30	2.4	<0.0050	<0.0050	<0.0050	<0.0050		<0.05	<0.01	<0.01	<0.01	1.41	Α
	3-28-02	40	B-1-40	0.97	<0.0050	<0.0050	<0.0050	<0.0050		<0.05	<0.01	<0.01	<0.01		Α
	3-28-02	50	B-1-50	<0.50	<0.0050	<0.0050	<0.0050	<0.0050		<0.05	<0.01	<0.01	<0.01		Α
B-2	3-28-02	10	B-2-10	<0.50	<0.0050	<0.0050	<0.0050	<0.0050		<0.05	<0.01	<0.01	<0.01		Α
	3-28-02	20	B-2-20	<0.50	<0.0050	<0.0050	<0.0050	<0.0050		< 0.05	<0.01	<0.01	<0.01		Α
	3-28-02	30	B-2-30	<0.50	< 0.0050	<0.0050	<0.0050	<0.0050		<0.05	<0.01	<0.01	<0.01		Α
	3-28-02	35	B-2-35	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	< 0.0050	< 0.05	<0.01	<0.01	<0.01		Α
	3-28-02	40	B-2-40	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	< 0.0050	<0.05	<0.01	<0.01	<0.01	<0.500	Α
B-3	3-28-02	10	B-3-10	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-28-02	20	B-3-20	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	0.16	<0.05	<0.01	<0.01	<0.01		Α
	3-28-02	30	B-3-30	<0.50	<0.0050	< 0.0050	<0.0050	<0.0050	< 0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-28-02	35	B-3-35	<0.50	< 0.0050	< 0.0050	<0.0050	< 0.0050	< 0.0050	< 0.05	<0.01	<0.01	<0.01		Α
	3-28-02	40	B-3-40	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01	<0.500	Α
B-4	3-29-02	10	B-4-10	<0.50	< 0.0050	<0.0050	<0.0050	< 0.0050	< 0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-29-02	20	B-4-20	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-29-02	30	B-4-30	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-29-02	35	B-4-35	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-29-02	40	B-4-40	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01	<0.500	Α
B-5	3-29-02	10	B-5-10	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-29-02	20	B-5-20	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	< 0.05	<0.01	<0.01	<0.01		Α
	3-29-02	30	B-5-30	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-29-02	35	B-5-35	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01		Α
	3-29-02	40	B-5-40	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.05	<0.01	<0.01	<0.01	<0.500	Α
B-6	5-2-05	20	B-6-20	<1.76	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0440	<0.0018	<0.0018	<0.0018		В
	5-2-05	30	B-6-30	<2.05	<0.0024	<0.0024	<0.0024	<0.0024			<0.0024		<0.0024		В
	5-2-05	40	B-6-40	<2.12	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022		<0.0022				В
	5-2-05	50	B-6-50	<1.09	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024		<0.0024		<0.0024		В
	5-2-05	55	B-6-55	<1.92	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0479	<0.0019	<0.0019	<0.0019		В

TABLE 1.

SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

EXXONMOBIL OIL CORPORATION FORMER SERVICE STATION #18-EBK, MANHATTAN BEACH, CALIFORNIA

SAMPLE SOURCE	DATE SAMPLED	DEPTH	SAMPLE	TPH AS GASOLINE	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	TBA	TAME	DIPE	ETBE	LEAD	REF
		(fbg)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
EPA	ANALYTICA	L METHO	DD	8015 (M)/CA LUFT				82	60B					6010B	N/A
B-7	5-2-05	20	B-7-20	<1.78	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0472	<0.0019	<0.0019	<0.0019		В
	5-2-05	30	B-7-30	<2.09	<0.0021	< 0.0021	<0.0021	<0.0021	<0.0021	<0.0532	<0.0021	<0.0021	<0.0021		В
	5-2-05	40	B-7-40	<2.11	<0.0022	< 0.0022	<0.0022	<0.0022	<0.0022	<0.0549	<0.0022	<0.0022	<0.0022		В
	5-2-05	50	B-7-50	<2.27	<0.106	<0.106	<0.106	<0.106	<0.106	<2.65	<0.106	<0.106	<0.106		В
	5-2-05	55	B-7-55	<2.19	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0546	<0.0022	<0.0022	<0.0022		В
B-8	5-2-05	20	B-8-20	<1.98	0.0247	<0.0021	<0.0021	<0.0021	<0.0021	<0.0523	<0.0021	<0.0021	<0.0021		В
	5-2-05	30	B-8-30	<2.26	0.0118	<0.0022	<0.0022	<0.0022	<0.0022	<0.0549	<0.0022	<0.0022	<0.0022		В
	5-2-05	40	B-8-40	<2.44	0.0088	<0.0022	<0.0022	<0.0022	<0.0022	<0.0562	<0.0022	<0.0022	<0.0022		В
	5-2-05	50	B-8-50	<2.21	<0.0071	< 0.0024	<0.0024	< 0.0024	<0.0024	<0.0588	<0.0024	<0.0024	<0.0024		В
	5-2-05	60	B-8-60	<2.02	0.0051	0.0008J	<0.002	< 0.002	< 0.002	<0.0488	<0.002	<0.002	<0.002		В
	5-2-05	70	B-8-70	<2.31	0.005	0.001J	<0.0023	<0.0023	<0.0023	<0.058	<0.0023	<0.0023	<0.0023		В
	5-2-05	80	B-8-80	<1.86	0.0032	0.0009J	<0.0017	<0.0017	<0.0017	<0.0435	<0.0017	<0.0017	<0.0017		В
	5-2-05	85	B-8-85	<1.63	<0.0019	0.001J	<0.0019	<0.0019	<0.0019	<0.0478	<0.0019	<0.0019	<0.0019		В

<sup>&</sup>lt;#= not detected at reporting limit indicated. -- = not sampled or not analyzed.</pre>

A = Holguin, Fahan & Associates, Inc.'s (HFA's) report dated April 24, 2002.

B = HFA's report dated August 3, 2005.

TABLE 2.
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FOR STATION ABANDONMENT
EXXONMOBIL OIL CORPORATION FORMER SERVICE STATION #18-EBK, MANHATTAN BEACH, CALIFORNIA

SAMPLE SOURCE	DATE SAMPLED	DEPTH (fbg)	SAMPLE ID	TPH AS GASOLINE (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL- BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	ETHANOL (mg/kg)	ORGANIC LEAD (mg/kg)	REF
EPA A	NALYTICAL		)D	8015 (M)	(IIIg/kg)	(mg/kg)	(IIIg/kg)	(mg/kg)	8260		(Hig/kg)	(mg/kg)	(Hig/kg)	(mg/kg)	DHS LUFT	N/A
DISPENSER	3-12-03	4	DI1-1-2	<0.21	0.00024J	0.0013	0.00039J	0.0034	<0.0016	0.0079J	<0.00079	<0.00079	<0.00079	0.068J		Α
ISLANDS	3-12-03	4	DI1-2-2	<0.23	<0.00083	0.00044J	<0.00083	0.00174J	0.017	<0.017	<0.00083	<0.00083	<0.00083	0.03J		Α
	3-12-03	4	DI2-1-2	<0.19	0.00082	0.0016	<0.00074	0.00168J	0.036	0.0057J	<0.00074	<0.00074	<0.00074	<0.37		Α
	3-12-03	4	DI2-2-2	0.059J	<0.00088	<0.00088	<0.00088	<0.00088	0.0065	<0.018	<0.00088	<0.00088	<0.00088	0.027J		Α
	3-12-03	4	DI3-1-2	0.53	0.012	0.11	0.027	0.195	0.071J	0.012J	<0.00070	<0.00070	<0.00070	0.031J		Α
GASOLINE	3-14-03	19	T1-N-19	<0.25	0.00042J	0.00032J	<0.00088	<0.00088	0.0028	<0.018	<0.00088	<0.00088	<0.00088	0.031J	<1.0	Α
USTs	3-14-03	19	T1-S-19	<0.25	<0.00099	<0.00099	<0.00099	<0.00099	0.0010J	0.0085J	<0.00099	<0.00099	<0.00099	<0.5	<1.0	Α
	3-14-03	19	T2-N-19	1.0	<0.00098	<0.00098	<0.00098	0.00031J	1.6	0.016J	<0.00098	<0.00098	<0.00098	0.028J	<1.0	Α
	3-14-03	19	T2-S-19	1.9	0.063	0.039	<0.00099	0.00102	0.00067J	0.011J	<0.00099	<0.00099	<0.00099	0.028J	<1.0	Α
	3-14-03	19	T3-N-19	<0.23	<0.00089	<0.00089	<0.00089	<0.00089	0.00063J	0.0061J	<0.00089	<0.00089	<0.00089	0.027J	<1.0	Α
	3-14-03	19	T3-S-19	1.6	<0.19	<0.19	<0.19	<0.19	0.88	73	<0.19	<0.19	<0.19	<93	<1.0	Α
	3-14-03	19	T4-N-19	0.32	0.00021J	0.00098	<0.00083	<0.00083	0.0087	0.014J	<0.00083	<0.00083	<0.00083	<0.42	<1.0	Α
	3-14-03	19	T4-S-19	<0.25	0.00019J	<0.00091	<0.00091	<0.00091	0.0012J	0.027	<0.00091	<0.00091	<0.00091	0.045J	<1.0	Α
PRODUCT	3-12-03	4	PL-1-2	<0.20	<0.00080	<0.00080	<0.00080	<0.00080	0.00065J	<0.016	<0.00080	<0.00080	<0.00080	0.033J		Α
LINES	3-12-03	4	PL-2-2	<0.21	<0.00084	0.00037J	<0.00084	<0.00084	0.0014J	<0.017	<0.00084	<0.00084	<0.00084	<0.042		Α
	3-12-03	4	PL-3-2	38	0.17	1.5	0.39	2.85	3.9	<1.4	<0.072	<0.072	<0.072	<36		Α
EXCAVATION	3-20-03	10	EX-B-1-10	4.6	<0.17	<0.17	<0.17	<0.17	31	<3.4	<0.17	<0.17	<0.17	<85		Α
	3-20-03	10	EX-B-2-10	<0.22	<0.00087	<0.00087	<0.00087	<0.00087	0.00097J	0.0068J	<0.00087	<0.00087	<0.00087	<0.44		Α

<sup>&</sup>lt;# = not detected at reporting level indicated. -- = not analyzed.</pre>

A = Holguin, Fahan & Associates, Inc.'s report dated April 29, 2003.

TABLE 3.

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

EXXONMOBIL OIL CORPORATION FORMER SERVICE STATION #18-EBK, MANHATTAN BEACH, CALIFORNIA

SAMPLE SOURCE	DATE SAMPLED	SAMPLE ID		BENZENE (µg/l)	TOLUENE (µg/l)	ETHYL- BENZENE (µg/l)	TOTAL XYLENES (µg/l)	MTBE (μg/l)	ΤΒΑ (μg/l)	TAME (µg/l)	DIPE (µg/l)	ETBE (µg/l)	REF
EPA ANA	LYTICAL ME	ETHOD	CA-LUFT				82	60B					N/A
B-8	5-2-05	B-8-W	<0.05	<0.0005	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0005	<0.0005	<0.0005	Α

<sup>&</sup>lt;#= not detected at reporting limit indicated.</pre>

A = Holguin, Fahan & Associates, Inc.'s report dated August 3, 2005.



# **APPENDICES**



# APPENDIX 1.

WASTE DOCUMENTATION

			ardous solls	Facility #	- GV		- 1445
Jata of Shipmanti	Responsible for Fayn	nent Transp	orter Truck #			Generator's US ETY	(I) No
Concretor's Name and Billing	Address		Generator'	Phone #:		Condition is on the r	1 100 (4.0.
			Person to	Contact:			
WASTE ADMINIS	TRATION COOR	DINATOR		- SOOMS		Customer Account	Number with 1°PS:
EXXONMOBIL G	R WASTE MGMT	. GKOÓL	FAX#:	•		C.11/1001141	
16852 NORTHC	MASE DR. RM 91	071	Consulton	908)701-142	M.		
Committee White Sind billing			<u> </u>				
HOLGUIN, FAHA	N & ASSOCIATE	S	Person to	I, NOBRIGA	1"	1	
143 S. FIGUERO	)AST. Oznati		PAXE.	(805) 882-071	23	Customer Accoun	Number with TPS
VENTURA, CA.	- Designer 1					6TEX	*
Congration Site (Transport fro	nri): (uame & address)		Site Phor	RE: #:		Levels	
MOBIL S/S#	18-EBK		Person to	Contact:		TPH Lovels	
AIRTEMA TOTAL	BLVD.		FAX#:	And the second s		AVG.	
MANHATTEN B	EACH, CA		Ficher,			Levels Facility Fermit	l. orol sare
MANHATTEN B P.O. 45015115  Unalgranded Pacifity (Terraport TPS TECHNOL 12328 HIBISCI	ort to); (uann: & address)		Facility	(800) 862-84	<b>X</b> 01	Pacinty Cermit	Page 2 F. Albert victor
Chaileanne		*1	Person	to Contact:			
TPS TECHNOL 12328 HIBISCI	IS AVENUE			JOE PROVA	/ubvr		
	A. 92301		c FAX#:				
				4.		Transporter's U	S EPA ILI NO.:
	Lumber of the Company		trump	"(602)"V07-6	000	1	
ADELANTO, Co	ling Address:	ING GROUP	1	to Contact:		Transporter's D	OT No.: 190
PEC INDUSTR	IAL OUTSOURCE	ING GROUP	1	to Contact: STEVEN R			
PEC INDUSTR	ML OUTSOURCE	ING GROUP	1	to Contact: STEVEN R	AMOS	Customer Acco	ent Number with T
PEC INDUSTR 1681 E. 32ND LONG BEACH	STREET CA 90806	Contaminated by	PAX#:	to Controt: STEVEN R. (562) 907-	AMOS 6059 1 Delivery	Customer Acco	
PSC INDUSTR 1661 E. 32ND LONG BEACH Description of Soil	Moisture Contant	Contaminated by:	FAX#: Approx. Oty:	to Contact: STEVEN RA (562) 907-	AMOS 6059 1 Delivery	Customer Acco	ont Number with T
PEC INDUSTR 1681 E. 32ND LONG BEACH	Moisture Contant	Contaminated by:  Gas G Diesel Ci Other Ci	PAX#:	to Controt: STEVEN R. (562) 907-	AMOS 6059 1 Delivery	Gross Weight	Tare Weight Net
Description of Soll  Sand D Organic D  Clay U Other U  Send D Organic D  Send D Organic D	Moisture Contant  0-10% G 20%-over U 0-10-20% G 10-20% G	Contaminated by:  Gas Ci Other Ci Gas Ci Direct Ci	FAX#: Approx. Oty:	to Controt: STEVEN R. (562) 907-	AMOS 6059 1 Delivery	Customer According Gross Weight	ont Number with T
Description of Soil  Sand Description of Soil  Sand Description of Soil  Sand Description of Soil  One Description of Soil  One Description of Soil  One Description of Soil	Moisture Contant  0 - 10%	Contaminated by:  Gas G Diesel G Other G Gas G Diesel G Other G	J'erson  PAX#:  Approx. Oty:	(562) 907- Description o	AMOS 6059 1 Delivery	Gross Weight.  (0, wells)  207(0)	Tare Weight Net
Description of Soil  Sand Description of Soil  Sand Description of Soil  Sand Description of Soil  Clay Under Unde	Moisture Contant  0 - 10%	Gas Gi Diesel Gi Other Di Gas Gi Diesel Gi Other Gi	J'erson  PAX#:  Approx. Oty:	(562) 907- Description o	AMOS 6059 I Delivery	Gross Weight.  (0, wells)  207(0)	Tare Weight Net
Description of Soil  Sand Description of Soil  Sand Description of Soil  Sand Description of Soil  Clay Under Unde	Moisture Contant  0 - 10%	Gas Gi Diesel Gi Other Di Gas Gi Diesel Gi Other Gi	J'erson  PAX#:  Approx. Oty:	(562) 907- Description o	AMOS 6059 I Delivery	Gross Weight.  (0, wells)  207(0)	Tare Weight Net
Description of Soll  Sand Description of Soll  Sand Description of Soll  Sand Description of Soll  Clay Description of Soll  Sold  Clay Description of Soll  Clay Description of Soll  Clay Description of Soll  Sold  Clay Description of Soll  Clay Descri	Moisture Contant  0-10% G 10-20% G 10-2	Contaminated by:  Gas G Diesel G Other G Gas G Diesel G Other G Other G	FAXE:  Approx. Oty:  260  The soil reference shown above an	to Contact: STEVEN R.  (562) 907- Description of Science of Scienc	AMOS 6059 I Delivery	Gross Weight.  (0, wells)  207(0)	Tare Weight Net
Description of Soil  Sond 2 Organic D Clay U Other U  Sand D Organic D Clay Other U  List any exception to items is  Generator's and/or con Sheet completed and c any way.	Moisture Content  0-10% G 10-20% G 20% - ever G 10-20% G 10-20% G 20% - ever G sultant's certification: ertified by me/us for the	Contaminated by  Gas Diesel Growler Gr	PAX#:  Approx. Oty:  260  The soil reference anown above an above above an above above an above above above an above above an above above above above an above abo	to Contact: STEVEN R.  (562) 907- Description of 20 Soil I	entirely fren added o	Gross Weight.  (O, LLUIS)  207(0)  3/112  om those sails des r done to such soi	Tare Weight Net 1  The Weight Net 1
Description of Soll  Sound Description of Soll  Clay Description of Soll  Clay Description of Soll  Clay Description of Soll  Generator's and/or construction of Sheet completed and complet	Moisture Contant  0-10% G 10-20% G 20%-over G 10-20% G 10	Contaminated by  Gas G Diesel G Gas G Diesel G Other G  Other G  I/We certify that is Generation Site:	Person  PAX#:  Approx. Oty:  260  The soil reference and approx approx and approx and approx approx and approx approx and approx a	to Contact: STEVEN R.  (562) 907- Description of 20 Soil I	entirely fren added o	Gross Weight.  (O, LLUIS)  207(0)  3/112  om those sails des r done to such soi	Tare Weight Net 1  The Weight Net 1
Description of Soll  Sound Description of Soll  Clay Description of Soll  Clay Description of Soll  Clay Description of Soll  Generator's and/or construction of Sheet completed and complet	Moisture Contant  0-10% G 10-20% G 20%-over G 10-20% G 10	Contaminated by  Gas G Diesel G Gas G Diesel G Other G  Other G  I/We certify that is Generation Site:	PAXE:  Approx. Oty:  260  The soil reference shown above an above an above and the soil reference and the soil described above a delaying delice.	to Contact: STEVEN R.  (562) 807- Description of 20 Soil  and herein is taken d nothing has been and seat: United transported file try to such site.	entirely fren added o	Gross Weight.  (O, LLUIS)  207(0)  3/112  om those sails des r done to such soi	Tare Weight Net 1  Toldo 11  Cribed in the Soil 1  I that would alter  Manth Day  red in exactly the the Designated Fa
Description of Soll  Sound Description of Soll  Clay Description of Soll  Clay Description of Soll  Clay Description of Soll  Generator's and/or construction of Sheet completed and complet	Moisture Content  0-10% G 10-20% G 20% - ever G 10-20% G 10-20% G 20% - ever G sultant's certification: ertified by me/us for the	Contaminated by  Gas G Diesel G Gas G Diesel G Other G  Other G  I/We certify that is Generation Site:	PAXE:  Approx. Oty:  260  The soil reference shown above an above an above and the soil reference and the soil described above a delaying delice.	to Contact: STEVEN R.  (562) 907- Description of 20 Soil I	entirely fren added o	Gross Weight.  (O, LLUIS)  207(0)  3/112  om those sails des r done to such soi	Tare Weight Net 1  The Weight Net 1
Description of Soll  Sand Description of Soll  Clay Description of Soll  Clay Description of Soll  Clay Description of Soll  Clay Description of Soll  Companie Description	Moisture Contant  0-10% G 10-20% G 20%-over G 10-20% G 10	Contaminated by  Gas G Diesel G Gas G Diesel G Other G  Other G  I/We certify that is Generation Site:	PAXE:  Approx. Oty:  260  The soil reference shown above an above an above and the soil reference and the soil described above a delaying delice.	to Contact: STEVEN R.  (562) 807- Description of 20 Soil  and herein is taken d nothing has been and sent. United transported filly transported filly transported filly to such site.	entirely fren added o	Gross Weight.  (O, LLUIS)  207(0)  3/112  om those sails des r done to such soi	Tare Weight Net 1  The Weight Net 1
Description of Soil  Sond Description of Soil  Clay Description of Soil  Clay Description of Soil  Clay Description of Soil  Clay Description of Soil  Cheeren of Soil  Transporter's and/or consistent completed and consistent of Soil  Transporter's certificate condition as when requirements without off-loading, and Print or Type Name:  Discrepancies:	Moisture Contant  0-10% G 10-20% G 20%-over G 10-20% G 10	Contaminated by  Gas G Diesel G Gas G Diesel G Other G  Other G  I/We certify that is Generation Site:	PAXE:  Approx. Oty:  260  The soil reference shown above an above an above and the soil reference and the soil described above a delaying delice.	to Contact: STEVEN R.  (562) 807- Description of 20 Soil  and herein is taken d nothing has been and sent. United transported filly transported filly transported filly to such site.	entirely fren added o	Gross Weight.  (O, LLUIS)  207(0)  3/112  om those sails des r done to such soi	Tare Weight Net 1  The Weight Net 1
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# NON-HAZARDOUS WASTE DATA FORM

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-	NAME WASTE ACCUMENTATION COORDINATOR	MOBII S/S & 18 FBK P.O.#
	ADDRESS EXXONAIGHE GR WASTE MONT OROUP	1727 ARTESIA BLVD NO N / A
	CITY, STATE ZIP 16825 NORTHCHASE DR. RM \$19A	MANHATTEN BEACH, CA PHONE NO. 261 654-8478
	HOUSTON, TX 77080	1800 WENDER 55
5	CONTAINERS: No.	VOLUME WEIGHT
GENERALOR	TYPE: TRUCK TRUCKS GORUMS CAR	RTONS OTHER
- 1	WASTE DESCRIPTION GROUNDWATER	GENERATING PROCESS
20 0	COMPONENTS OF WASTE PPM %	COMPONENTS OF WASTE PPM %
	WATER 89-100%	
ן ב	1	
	2 T.P.H. 0-1%	G.
	3	
H	A	
2		
	PROPERTIES: PH	
	HANDLING INSTRUCTIONS:	ective gear when handling material. BRKGS/MOSIL
	NOBRIGA / HFA	BEHALF OF EXCAMOBIL
	THE WASTE AS DESCRISED IS 100%	EARTHE DIRECTOR I WITHUIL D'COU
	TYPED OR PR	INTED FULL MAKE & SIGNATURE
-	PHILIP WEST INDUSTRIAL SERVICES	CORP., INC. U BPA CARODO 14.6837
œ	NAME	
SPORTER	ADDRESS	JOHN NO.
Q	LONG BEACH, CA 90806	PIOK UP DATE
2	CITY, STATE, ZIF	•
TRA	PHONE NO. (562)997-5080	C \ Alt Amoles
	Chit to	EINI NAME A RIGINATURE
	TRUCK, UNIT, I.D. NO. TYPED OR PRINTED I	EPA EPA
		NO. CADD28408019
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<b>3</b>	ADDRESS 1530 WEST 17TH STREET	CLANDFILL DOTHER
E	CITY, STATE, ZIPLONG BEACH, CA. 90813	Profile # 12620
	halit, a tertile ett.	The second of th
5	AND AND PARTY	
FACILITY	PHONE NO. (562)432-5445	10 1. 1/2 6.1805
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TSD FACIL	O DNEW TO	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
TSD FACIL	GEN CLDINEW L A TO	R PRINTED FULL NAME & SIGNATURE DATE

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Generator's Name and Filli			1.2	erator's Phone #		Generatoria U	- Para Prake.	
CASSOCIATION S LOCATION WHICH LABOR	n <sub>ki</sub> radatess:		Carr	eracet s ritione s		Senerator sits	5 (375 (174NO)	
	ess <b>reso</b> urci	ES	i	son to Contact:				
3700 W. 190T			FAX	NICK PUIC	<u> </u>	Customer Acce	nunt Number	with T
TORRANCE, C								
Consultant's Name and Bill			Con	(1005) 6523	1219			
HOLGUIN, FAI 143 S. FIGUER	HAN & ASSOCIA	TES	Pers	J'ANDER:	EOM .	(6:38	TOTAL BEACH	
VENTURA, CA			FAX	/ f; ,		Customer Acco	romt Monahan	esciels T
			1,7,7	(805) 652-(	7783	Zuskanda saret	sain: (Valinger	WHIT I
Generation Site (Transport f	rom): (nome & pddress)		Site	Phone#		BTEX Levels		
MOBIL S/S # 1			Pers	eon to Consucti		TPH		
1727 ARTESIA MANHATTAN I				The same same same same same same same sam		Levels		
रसञ्जापन कर शराधे ६ ते राष्ट्री पर है	ar water 15 januari		FAX	,111		AVG. Levels		
Designated Facility (Transpo	ort to): (name & address)	)	Faci	(800) 862-(	9001	Facility Connet	Numbers	
TPS TECHNOI			Pera	op in Contact:				
12328 HIBISCU		-algi	ļ	JOE PROV	MANSAL			
ADELANTO, C	A. SESUI	•	" FAX	(#)				
Transporter Name and Mail	ing Address:		Tear	(502) 595-9	000	Transporter's !	JS EPA ID No	V.:
PSC INDUSTR	IAL OUTSOURCE	ING GROUP		` '				
			Pers	on to Contact:		Transporter's I	XXT No :	
2222 E, SEFUL	,		ļ	BOB KEKA	cs	Transporter's I	e Ti-	
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# NON-HAZARDOUS WASTE DATA FORM

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### APPENDIX 2.

GEOTRACKER ELECTRONIC SUBMITTAL INFORMATION PRINTOUT

# **Electronic Submittal Information**

Main Menu | View/Add Facilities | Upload EDD | Check EDD

MOBIL #18-EBK (FORMER 11-EBK) - T0603704803

\* DENOTES THAT A SUBMITTAL HAS BEEN AUTO-RECEIVED

1727 ARTESIA BLVD

MANHATTAN BEACH, CA 90266

CONF NUM	TITLE	QUARTER	SUBMITTED BY	SUBMIT DATE	- STATUS			*******
9850225448	1ST QUARTER 2003 SOIL LABS	2003	MARK FAHAN	4/4/ 2003	RECEIVED ON 11/17/2003 *	<u>VIEW</u> SUBMITTAL		QC REPORT
2386699378	1ST QUARTER 2003 SOIL LABS	2003	MARK FAHAN	4/4/ 2003	RECEIVED ON 11/17/2003 *	<u>VIEW</u> SUBMITTAL		<u>QC</u> REPORT
3654139161	1ST QUARTER 2003 SOIL LABS 2ND	Q1 2003	MARK FAHAN	4/4/ 2003	RECEIVED ON 11/17/2003 *	<u>VIEW</u> SUBMITTAL		<u>OC</u> REPORT
5939005732	QUARTER 2005 SOIL LABS	Q2 2005	MARK FAHAN	9/1/ 2005	PENDING	<u>VIEW</u> SUBMITTAL	DELETE SUBMITTAL	QC REPORT
8247342705	2ND QUARTER 2005 SOIL LABS	Q2 2005	MARK FAHAN	9/6/ 2005	PENDING	<u>VIEW</u> SUBMITTAL	DELETE SUBMITTAL	QC REPORT
9260146975	2ND QUARTER 2005 SOIL LABS	Q2 2005	MARK FAHAN	9/16/ 2005	PENDING	<u>VIEW</u> SUBMITTAL	DELETE SUBMITTAL	OC REPORT

# GEO\_XY SUBMITTALS

NO GEO\_XY SUBMITTALS FOR THIS FACILITY.

# GEO\_Z SUBMITTALS

NO GEO\_Z SUBMITTALS FOR THIS FACILITY.

# **GEO\_WELL SUBMITTALS**

NO GEO\_WELL SUBMITTALS FOR THIS FACILITY.

GEO	MAP	SHRM	ILTTAI	S

CONF NUM	TITLE	SUBMITTED BY	SUBMIT DATE	<u>STATUS</u>		
8847364127	GEO_MAP	MARK FAHAN	9/16/2005	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL

# GEO BORE SUBMITTALS

CONF NUM	TITLE	SUBMITTED BY	SUBMIT DATE	STATUS		
7318204581	GEO_BORE	MARK FAHAN	9/16/2005	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL
5805387198	GEO_BORE	MARK FAHAN	9/16/2005	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL
9444294571	GEO_BORE	MARK FAHAN	9/16/2005	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL

# GEO\_REPORT SUBMITTALS

ONF NUM TITLE

SUBMITTED BY SUBMIT DATE STATUS

3814252555	18-EBK SITE ASSESSMENT REPORT	MARK FAHAN	8/16/2005	PENDING	VIEW SUBMITTAL	<u>DELETE</u> SUBMITTAL
1911244034	4Q04 STATUS REPORT	MARK FAHAN	8/18/2005	PENDING	VIEW SUBMITTAL	
7820829093	1Q05 STATUS REPORT	MARK FAHAN	8/19/2005	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL
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3238156974	4-05 60 DAY LETTER		8/22/2005	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL
		MARK	8/22/2005	PENDING	VIEW SUBMITTAL	DELETE
NAME CHANGE		MARK FAHAN	8/22/2005	PENDING	VIEW SUBMITTAL	DELETE
NAME CHANGE NO NAME CHAN	SUBMITTALS	MARK FAHAN	8/22/2005	PENDING	VIEW SUBMITTAL	DELETE

Logged in as HFA (AUTH\_RP)

CONTACT SITE ADMINISTRATOR.